

ABSTRACT

A microorganism separation device includes: sample solution supply means (30) for supplying a sample solution (40) stored within a sample solution reservoir (32) to a first flow path (12); a microorganism sensor (22) that is capable of detecting a monadelphous microorganism in the sample solution (40) that passes through the first flow path (12); a controller (24) that stops to supply the sample solution (40) to the first flow path (12) and discharges the detected microorganism together with the sample solution (40) from a termination side of the first flow path (12) on the basis of a detection result of the microorganism by the microorganism sensor (22); and an acceptor (52) that receives a droplet (28) of the sample solution (40) that is discharged from the termination side of the first flow path (12). With the above structure, the microorganisms in the sample solution are separated one by one with high efficiency while the microorganisms remain alive.